

**WATER WELL REPORT**  
STATE OF OREGON

**CLAC**  
**014212**

**RECEIVED**

JUL 28 1981

State Well No. 452E-29aa

**WATER RESOURCES DEPT**  
**SALEM, OREGON**

State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name ArrowHead Golf Club  
Address 28301 S Hwy 213  
City Molalla State Or.

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
Mud  Dug   
Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal: Withdrawal  Reinjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
8" Diam. from +2 ft. to 198 ft. Gauge .250  
" Diam. from ft. to ft. Gauge

**LINER INSTALLED:**

no  
" Diam. from ft. to ft. Gauge

**(6) PERFORATIONS:**

Perforated?  Yes  No

Type of perforator used \_\_\_\_\_  
Size of perforations in by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

**(7) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name \_\_\_\_\_ Model No. \_\_\_\_\_  
Type \_\_\_\_\_ Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
Yield: gal./min. with ft. drawdown after hrs.  
Air test 120 gal./min. with drill stem at 198 ft. 3 hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Flow g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used Cement grout  
Well sealed from land surface to 75 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 105 sacks  
How was cement grout placed? Pressure pumped

Was pump installed? N.O. Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of Water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Clackamas Driller's well number AH1  
NE 1/4 NE 1/4 Section 29 T. 4S R. 2E W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_  
Address at well location: 28301 S Hwy 213

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 19 ft.  
Static level 30 ft. below land surface. Date 7/20/81  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"

Depth drilled 200 ft. Depth of completed well 200 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

| MATERIAL                           | From | To  | SWL |
|------------------------------------|------|-----|-----|
| Soil med brn                       | 0    | 1   |     |
| Clay sandy brn                     | 1    | 7   |     |
| Cobbles large brn                  | 7    | 12  |     |
| Conglomerate large gray            | 12   | 19  |     |
| Gravel large gray                  | 19   | 35  |     |
| Conglomerate med gray              | 35   | 55  |     |
| Gravel large, sand med-course gray | 55   | 69  |     |
| Clay med brn                       | 69   | 76  |     |
| Gravel large gray                  | 76   | 82  |     |
| Conglomerate med brn               | 82   | 93  |     |
| Gravel med-large gray              | 93   | 105 |     |
| Gravel med, sand med brn           | 105  | 119 |     |
| Gravel large gray                  | 119  | 130 |     |
| Gravel large, sand med course brn  | 130  | 137 |     |
| Clay med brn                       | 137  | 144 |     |
| Claystone med gray                 | 144  | 186 |     |
| Packed course sand brn             | 186  | 200 |     |

Work started 7/14/ 19 81 Completed 7/21 19 81  
Date well drilling machine moved off of well 7/21 19 81

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Dwight B. Stetler Date 7/23, 19. 81  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 1371

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name West Coast Drilling Co. Inc.  
(Person, firm or corporation) (Type or print)  
Address 220 Academy St. Mt. Angel, Or.  
[Signed] Charles E. Stetler  
(Water Well Contractor)  
Contractor's License No. 519 Date 7/23, 19 81

**NOTICE TO WATER WELL CONTRACTOR**  
The original and first copy of this report  
is to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP\*12658-690